



FRIENDSHIP 40-17 *HARMONY*



FRIENDSHIP YACHT COMPANY
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www.friendshipyachtcompany.com

SPECIFICATIONS FOR *HARMONY*

LOA: 40'9"

LWL: 30'3"

Beam: 12'10"

Draft: 3'11" board up / 9'2" board down

Hull material: fiberglass

Hull form: centerboard

Hull designer: Ted Fontaine

Deck material: teak

Displacement: 22,500 lbs

Ballast: 9,500 lbs

Flag: USA

Location: Marion MA.

HIN: XKU40017D909

Year: 2009

Mfg: Friendship Yachts, NZ

Model: Friendship 40

Type: Day sailor / cruiser

Rig: sloop

Cockpit: aft

Speed: 7 knots

Engine: Volvo 40 HP

Engine year: 2009 / 1148 hrs

Fuel capacity: 33 gallons

Water capacity: 110 gallons

Sleeps: 4

Official No. 1221525



Absolute unrivaled quality is synonymous with the Friendship Yacht Company. Incorporating many elements from his large custom yachts, designer Ted Fontaine has created the FRIENDSHIP 40, a luxury daysailer whose concept has been imitated, but by

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no means equaled. Uniquely customized and exquisitely appointed, the Friendship 40 uses push-button sailing, all controlled by one person. The size of the cockpit, normally found on a much larger yacht, creates the perfect venue for a comfortable cocktail cruise for 8 guests. Similar in its concept to a picnic boat or an express cruiser, HARMONY brings a new sense of ease to a day at sea with unmatched elegance and style.

ACCOMMODATION

HARMONY's elegantly crafted interior boasts satin-varnished, raised-panel teak joinery, a tongue and groove ceiling with a satin painted finish, comfortable settees, a functional galley and full standing 6'4" headroom. She maintains an impressive spaciousness for a boat of her size. With an abundance of storage, galley amenities, custom dish locker and a pull-out trash bin, *HARMONY* is the perfect venue for sunset cocktails or long weekend excursions. Share drinks at the drop leaf table, refresh yourself with a shower in the fully appointed head and get a good night's sleep in the large double centerline berth.



All of HARMONY's cushions and pillows are slip-covered in fade and stain resistant outdoor fabrics.



HARMONY has been described as the perfect boat for “8 to sail; 6 to eat; 2 to sleep.” While *HARMONY* is intended to accommodate a couple for an overnight, the settees are long and wide to sleep additional friends or family. There is a flat screen with DVD player in the salon, and an interior/exterior audio system with sat radio and ipod hook up. The galley incorporates a deep refrigerator, microwave, two-burner propane stove, and gourmet espresso maker. There is custom storage for wine in a locker as well as the fridge, and a custom varnished teak knife rack. The head features a fresh water, electric flushing head, shower, and full-length mirror.



Custom dish storage



Pull-out shelf for espresso machine



Hidden electrical panel



One of three wine storage racks



Custom dish storage



Custom knife rack



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More than a day boat, the Friendship 40 marries a classically sculpted profile with a high-performance shoal draft underbody. Her spacious, ergonomically perfect cockpit is surrounded by a wide teak coaming, framing an expansive seating area unrivaled in her class. The low-profile cabin top provides a full 360-degree sightline, which enables a clear view from her bow to her stern.



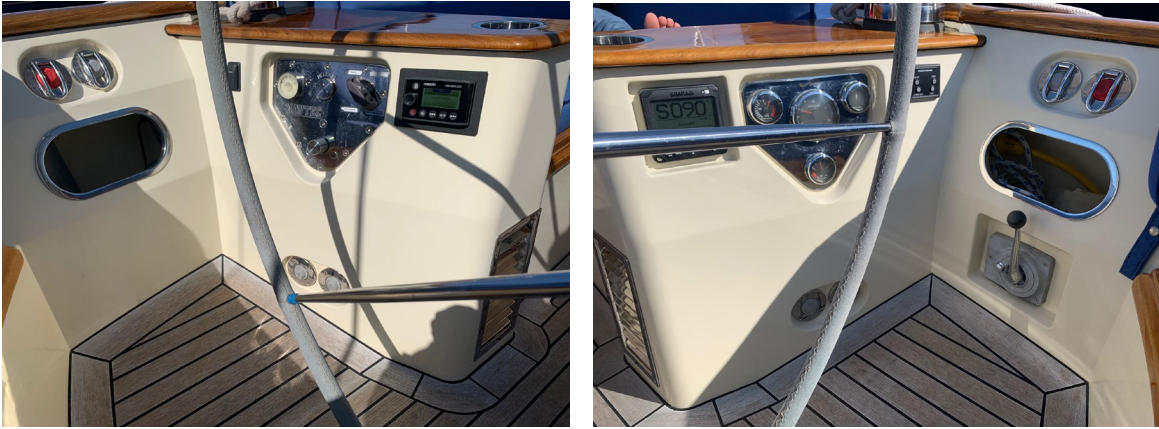
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HARMONY'S cockpit features a new 2019 Garmin 942xs touch screen color chart plotter with radar overlay (custom fit in a pull out-stainless housing), Simrad auto pilot, and two recessed B&G full function displays. The GPS unit has satellite weather, radio, ipod, and can take 3D G2 chart cards. HARMONY has been upgraded with a new (2019) Clarion Fusion stereo with remote control in the cockpit The drop leaf table houses storage compartments, glass and wine bottle holders, and an insulated compartment for cold drinks. The cockpit sole hinges using a push-button hydraulic ram for access to the Northern Lights generator.



SAIL HANDLING

The hydraulic mainsheet system of the Friendship 40, controlled by two-foot buttons at the helm, brings new levels of ease to sailing. All sail handling is done using push buttons located within finger's reach from the helm seat. A *Reckman* electric headsail furler effortlessly controls the jib using two-foot buttons at either side of the helm. The bow thruster is also controlled by two-foot buttons located at the base of the wheel.



The two secondary winches on the house top provide push button control of centerboard control, spinnaker halyard, back-up main halyard and preventer. All lines have flush, stainless steel lined bins for clutter-free storage. All four deck winches are stainless steel *Lewmar* two-speed electric.





Stainless steel hydraulic vang, in-boom main furler, and mast collar with custom built-in stainless steel turning blocks.

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The foredeck houses two flush lockers – to port is the swing out anchor system with *Lewmar* electric windlass and saltwater wash down, to starboard is the chain locker with storage for swim ladder and dinghy outboard motor. The custom chocks in the cap rail are larger on the foredeck than those aft to accommodate large mooring lines, and the cleats are flush to the deck when not in use. On centerline is an additional, extra strength pop-up pad eye for hurricane tie down.



Aft deck – custom flag socket for dinghy towing, stainless steel hydraulic backstay, and flush plate for fresh water hot/cold deck shower

HARMONY is available immediately, an incredible value without having to wait the standard 12-month build period for a new Friendship 40. HARMONY will be only one of the very few Friendship 40's to be offered on the secondhand market; which is an incredible tribute to how these yachts hold their value. There are boats and there are yachts. The Friendship is built for those who know the difference.



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FRIENDSHIP 40 SPECIFICATION HULL NO. 17, HARMONY

STRUCTURAL

- Hull:** Composite construction using Airex foam in the topsides with solid laminate hull bottom using vinyl ester resin to minimize print-through. Reinforcements are hand laid, stitched and knitted multiaxial E glass fabrics with carbon fiber in high load areas. Bulkheads are marine-grade plywood laminated into the hull. All cores are fixed using vinyl ester adhesive.
Two molded custom consoles for hydraulics, sail controls and engine instruments.
Molded recessed sheerstrake.
Finished with owner's choice of standard *Awl Grip* marine paint colors.
- Deck:** Composite construction using Airex foam with extra high-density core being used in way of all fittings. Reinforcements are hand laid, stitched and knitted multiaxial E glass fabrics with isothalic polyester resin.

DECK AND DECK HARDWARE

- Deck:** All exterior decks are gelcoat finished to owner's choice of color. All vertical surfaces finished with glossy gelcoat, cabin house top in *Awlgrip* nonskid, choice of colors.
- Cap Rail:** Varnished teak.
- Sheerstrake:** Varnished teak.
- Anchor Locker:** Molded into foredeck with flush, hinged hatch top. Anchor roller, self launching, with 35 lb. Delta anchor, 60m of 6mm chain.
Saltwater anchor wash system in anchor locker.
- Windlass:** *Lewmar V2* electric stainless-steel anchor windlass with two-foot buttons and a remote control.
- Chocks:** Custom cast stainless steel: two quarter chocks, two midships chocks, two bow chocks big enough to accommodate bulky mooring lines.
- Cleats:** Eight *Attwood* flush mounted retractable mooring cleats with 4-bolt bases.
- Nosing:** Varnished teak.
- Ports:** Six custom fixed tinted glass elliptical ports in cabin trunk.
- Winches:** Two electric *Lewmar 2-speed* self-tailing primary winches with 2.6:1/9:1 gear ratio and 48.6:1 power ratio.
Two electric *Lewmar 2-speed* self-tailing halyard/centerboard/mainsheet winches with 2.4:1/7.6:1 gear ratio and 44.8:1 power ratio.
All winch buttons are recessed stainless steel *Antal* hardware.
Two *Lewmar* lightweight 250mm lock-in handles with ball grips.
- Hardware:** *Antal* winch buttons, radiused genoa T-track, genoa cars and sliders, organizers, screw-in pad eyes, stoppers, silver anodized sheaves.
- Hatches:** Three custom-made, flush teak deck hatches: lazarette, foredeck, and anchor locker.
One custom stainless-steel hatch with glass over salon/forward cabin.
Varnished teak companionway sliding hatch with removable varnished teak drop boards with lockable clasp, and custom storage bins.
Four hinged stainless steel *Manship* hatches under cockpit settees, two for storage, two for engine access.
- Ensign:** 5' varnished teak flag staff and 3'x 5' US yacht ensign commissioning flag. Stainless steel cap rail mounted flag socket with dinghy pulling ability.

Accessories: Four custom 12" x 24" line bins for halyard/sheet tails and four custom drink holders in cockpit all with polished stainless-steel trim and lining.
Cockpit sole: Teak deck on cockpit sole with custom angled helmsman floor.
Sheet stoppers: Mainsheet, centerboard, topping lift to starboard. Main halyard, main reefing line, MPS halyard to port. Using Antal sheet stoppers and passing through Antal triple deck block organizers.

EXTERIOR

Trim: Varnished teak cockpit coaming cap, 6" wide.
Varnished teak cabin top nosing.
Varnished teak cap rail.
Four varnished teak console tops.
Varnished teak framed companionway sliding top with stainless rails.
Varnished teak cockpit seat fiddles.

Seating: Molded cockpit seats finished with gelcoat, choice of color. Port and starboard facing settees in cockpit, forward facing settee behind steering wheel, all with double angle back rests for ergonomic comfort. All settees come with custom bottom and backrest cushions, 4" total thickness. All cushions upholstered in *Perennials* outdoor fabric.

Cockpit Table: Custom varnished teak drop leaf table. Table houses GPS plotter, 12V outlet, and insulated, drained cold beverage box with custom varnished teak covers. Stainless steel legs.

Steering Wheel: 48" stainless steel wheel with stainless steel rim and elk hide cover.
Pedestal: Classic steering pedestal with thru-shaft break and custom stainless-steel constellation binnacle with stainless steel guard/handrail.

Stowage: Storage areas under port and starboard settees.
Two Stainless steel sheet rimmed bins one each port and starboard by helm.
Two Stainless steel sheet rimmed bins one each port and starboard by companionway for halyard / sheet storage at base of each winch.

Scuppers: Custom stainless-steel design, four in cockpit, four on deck, all with direct overboard drainage.

Exterior Luxury Package:
Custom dodger with zip-out side curtains, recessed stainless steel tracks and elk hide covered grabrail
Danforth stainless steel constellation binnacle
Stainless steel braided hoses for hydraulic backstay and vang
Custom flush stainless-steel chafe plates in cockpit coaming for jib sheets
Lights at mid boom and boom end with dimmer switches
Varnished teak wine bottle and glass holders on underside of cockpit table lids
Hand-held freshwater shower on aft deck with flush plate and hot/cold mixer tap
Stainless steel folding swim ladder
Bug screens for main salon hatch and companionway
Foghorn mounted under radar dome with on/off/auto switch at helm
Fortress secondary anchor with 25' of chain and 150' rode

INTERIOR

Interior Finish: Satin varnished teak veneer finish on fore and aft joinery. Hull ceilings painted white v-groove. Athwartship bulkheads in satin varnished teak. Solid teak with satin finish for interior trim, locker door and drawer frames and corner posts.

Overhead: Painted white v-groove overhead.

Soles: Varnished teak with black resin inlay.

Locker Doors: Framed edges with solid flat fielded panel teak with satin finish varnish. Forward are two cedar lined hanging lockers.

Drawers: Solid beaded flat panel teak with lift and pull drawer slides and custom cast bin pulls.

Table: Solid teak drop leaf table in main salon.

Countertops: *Silestone 'rainforest'*, with radiused edges at fascia and teak fiddles.

Sinks: Stainless steel underhung sink in galley, glacier white *Corian* sink in head.
 Faucets: *Perrin and Rowe* wall-mount faucet in galley and *Grohe* cross-handle mixer tap in head.
 Shower: *Grohe* hand-held shower unit mounted on head bulkhead.
 Drainage: Head sole varnished teak and black resin with edge drain to sump and direct overboard discharge pump.
 Fixtures: Towel bar, soap dish, toilet paper holder, toilet brush, and tumbler holder.
 Stove: Two burner propane stove recessed in galley countertop with *Silestone* cover plate.
 Microwave: *Sharp* microwave/toaster mounted on teak shelf in galley locker.
 Coffee Maker: Espresso machine on pull-out shelf in galley locker.
 Refrigerator: Custom stainless-steel lined fridge box recessed in galley countertop with removable plexiglass shelving and cold wine storage.

Berths: Double berth forward with 5" thick cushion.
 Settees used as additional berths. Stowage shelves and lockers above settees with teak fiddles.

Fabric: All upholstery *Perennials* or *KA Intl.* outdoor fabric. Includes cockpit settee cushions and backrests, main salon cushions, zip-on bed cover and pillow shams, 10 throw pillows.

Interior Luxury Package:
 Satin varnished teak bulkheads
 Raised and fielded panels on all drawers and doors
 Drawers in salon table with dividers for silverware
 Pull-out shelf for coffee maker
 Pull-out shelves for custom dish storage
 Custom stainless-steel oversized trash bin in lower galley locker
 Overhead locker doors for extra storage in galley and head
 Teak carcasses in head
 Teak framed mirror in head and on back of head door
 Custom canvas padded mast wrap
 Custom varnished knife rack in galley locker
 Custom wine storage in galley locker and fridge

MECHANICAL

Engine: *Volvo* 40 HP 4-stroke sail drive engine. Fresh water cooling, *Racor* filter, and heavy duty 135-amp alternator. Oil change pump included on engine.
 Bow thruster: Lewmar 6kw tunnel thruster, controlled by foot buttons at helm.
 Air conditioner: Marine Air Cruise Air elite, 12000 BTU
 Gauges: Custom stainless-steel recessed engine instrument panel with *Volvo* gauges for tachometer, oil pressure, fuel level, freshwater levels.
 Gearshift: *Morse* type single-control gearshift and throttle near helmsman.
 Fuel Tank: 33 gallon welded translucent polyethylene fuel tank with inspection/clean-out port located under cockpit sole and gauge on instrument panel.
 Filter: *Racor* fuel filter. One spare supplied if optional generator is purchased.
 Vents: Vent line with *Racor* LG100 vent spillage filters.
 Steering: *Whitlock* drag and link steering system.
 Rudder: Balanced, elliptical spade rudder constructed with uni-directional glass rovings and 4" diameter carbon fiber shaft with roller type rudder bearings.
 Bilge Pumps: Two 12V automatic *Jabsco* bilge pumps and one cockpit operated *Whale* manual pump.

ELECTRICAL

House Batteries: Four 8G8D Endurant 12V DC batteries, 840 Amp hours total.
 Starting Battery: 12V DC 650 CCA Endurant battery.
 Distribution: Custom DC back lit panel with circuit breakers and battery condition meter.
 Alternators: Engine supplied standard alternator to charge starting bank, additional *Leece-Neville* 12V DC 130-amp alternator supplied to charge house bank.
 Shore Power: 125V / 30-amp shore power connection in cockpit with 50' cord.
 Generator: 5kw Northern Lights accessed by lifting cockpit sole on hydraulic rams.

Battery Switch: Battery bank switch with DC main breaker.
Inverter: 12V DC / 120V AC, 2000W, *Xantrex* inverter to be switched on the main AC electrical panel. Inverter shall power microwave and 110V outlets.
Interior Lights: Four reading lights, five dome lights, courtesy lights at forward and aft end of salon table. Centerline dome light with red/white selection switch. Engine room will have utility lights.
Exterior Lights: Masthead tricolor and anchor, bow, stern, spreaders, foredeck, and two boom lights.
12V Outlets: One 12V plug located in cockpit for search light use.
110V Outlets: Five 110V plugs: galley, head, forward cabin, starboard side salon, and engine room.
Audio Package: Clarion CMD5 radio/CD player, with ipod holder and hook up, satellite radio, Pioneer speakers in salon and exterior Nautica speakers in cockpit. Wired remote located at helm.
DVD player: 17" flat screen mounted on bulkhead with DVD player in electrical locker.

PLUMBING

Water system: Hot and cold pressure water system to galley, head, shower.
Water Tank: 111 gallons of water capacity in two independently valved tanks.
Water pump: Jabsco Flo Jet self-priming water pump.
Water Heater: *Force 10*, 6-gallon tank to be powered by AC electrical heating element and from re-circulating through the main engine.
Toilet: *Tecma* Silence Short electric freshwater toilet with overboard/holding tank discharge. Holding tank with overboard drain/pump out discharge.
Bilge Pump: One automatic 12V DC bilge pump mounted in the engine room. Pump will discharge overboard at the waterline with vented loops. One manual Whale bilge pump operated from the cockpit.
Sump Pump: One automatic 12V DC bilge pump with direct overboard discharge.
Thru-hulls: *Fore spar* flush-mounted sea cocks below the waterline for engine, head, and galley with double-clamped hoses.
LP System: 10 gal. propane tank built into helm seat with direct drain and propane sniffer alarm. Two burner cook top in galley.

SPARS, RIGGING and SAIL HANDLING

Mast: Aluminum mast, *Awlgrip* finish with two sets of airfoil spreaders, steaming light, internal masthead wire conduit, stainless steel gooseneck, vang lugs, and halyard attachment step. Mainsail track for fully battened mainsail. Two flag halyards to lower spreaders.
Boom: Aluminum boom with fittings for single reef lines, vang lug, and topping lift/mainsheet bale. One light at mid-boom and one at boom end with dimmer switches.
Mast Collar: Custom stainless-steel mast collar with integral turning blocks for all lines.
Standing Rig: Rod rigging with *Navtec* turnbuckles and stainless-steel covers.
Running Rig: 12mm braided main halyard, 10mm braided genoa halyard with eye splice to shackle to furler swivel. 12mm braided genoa sheet. Stainless steel genoa halyard adjustment on mast track.
Chain Plates: Custom stainless steel chain plates, stem head, and backstay tang.
Boom Vang: Polished stainless steel hydraulic *Navtec* vang.
Backstay: Polished stainless steel hydraulic *Navtec* backstay.
Mainsheet: Hydraulic mainsheet trim, controlled by buttons at helmsman's feet.
Furler: *Reckmann* EF90 silver series electric genoa furler controlled by foot buttons at helm.
Genoa Tracks: Two 5' x 1.25" *Antal* stainless steel T-tracks with two genoa lead blocks.

NAVIGATION

Compass: Stainless steel constellation binnacle compass with red LED.
B&Gs: Two *B&G* Hydra 3000 graphic function displays with masthead wind sensor and depth, speed, and temperature transducers and B&G analogs for magnified wind and 360-degree wind.
GPS: *Garmin* 942xs (2019) touch screen system with plotter located in cockpit table, *Garmin* accessory package includes sat weather, network expander and G2 chart card.

Radar: *Garmin* 18" dome painted to match rig, radar overlay on GPS plotter.
VHF: One *Icom* IC-M504 VHF radio located in electrical locker with command mic mounted in sheet bin in cockpit.
Stereo: Clarion Fusion (2019) NX 807 Stereo with cockpit remote.

PAINT AND FINISH

Hull: Awlgrip Majestic Blue.
Deck: Cream gelcoat and Moondust nonskid.
Bottom: Epoxy primed, dark red anti-fouling paint.
Boot Stripe: Single stripe, Awlgrip Matterhorn white.
Cove Stripe: Molded, painted with light gold.
Exterior Teak: Minimum of nine coats gloss finish varnish.
Interior Teak: Satin varnish.
Boat Name: Name and hail port painted on transom.

OUTFITTING

Four leather and lambskin fender holders custom fit for cap rail.
Four 40' double braid dock lines.
Four 8" x 20" fenders with double braid lines and black fleece covers.
Two custom made spruce fender boards.
Stainless steel bars in foredeck hatch and cockpit hatch for hanging spare lines.
False bottom in aft cockpit locker for easy storage.
Boat hook mounted in foredeck hatch.
Four adult and two child lifejackets.
Four fire extinguishers mounted throughout boat.
EPIRB mounted in lazarette.
Flare kit with storage box.
Hose, bucket, deck brushes and all cleaning supplies.
Whipping kit with storage bag.
Stainless steel ship's bell with custom padded storage bag and mounted hanging bracket.
One engine spares kit and metric tool kit with necessities provided.

CANVAS WORK

Custom padded cockpit table cover
Custom padded binnacle/wheel cover
Sun awning – custom tent over boom with stainless steel spreader bars, bracket, and storage bag
Cockpit cover – custom tent that attaches to underside of boom for full cockpit protection

SAILS

Doyle 2012 mainsail with traditional battens.
Doyle 2012. 110% genoa.

DOCUMENTATION

Friendship 40 Owner's Manual, all equipment manuals, construction drawings and all systems schematics.